

## ABSTRACT OF THE DISCLOSURE

The present invention aims to provide a projector that surely prevents the deformation of a lens cap even when the cap is put on a projection lens while a lamp is on, without powering off the lamp. A projector 1 according to the invention includes a lamp 13, liquid crystal panels 17R, 17G, and 17B that modulate light from the lamp 13, a projection lens that projects the modulated light, a lens cap that protects the projection lens, a detector 5 that detects the lens cap on the projection lens, and a projected display controller 18 that controls the liquid crystal panels 17R, 17G, and 17B so as to block or reduce the light from the lamp 13 if the lens cap is found to be detected based on a signal from the detector 5.